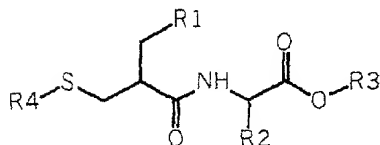


CLAIMS

1. Process for preparing a compound of formula (I):



(I)

wherein :

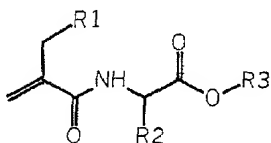
- R1 represents: - a phenyl group; or
- a 3,4-methylenedioxyphenyl group
- R2 represents a hydrogen atom or a lower alkyl group;
- R3 represents a hydrogen atom, a lower alkyl group or a lower phenylalkylene group; and
- R4 represents a linear or branched aliphatic acyl radical or an aromatic acyl radical,

said process comprising a step (B) which consists in performing a Michael addition of a thioacid of formula (IV):



wherein R4 has the same meaning as in formula (I),

with an α -substituted acrylamide derivative of formula (V):

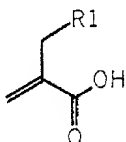


(V)

wherein R1, R2 and R3 have the same meaning as in formula (I).

2. Process according to Claim 1, wherein the group R4 represents an acetyl radical $\text{CH}_3\text{-CO-}$, a benzoyl radical $\text{C}_6\text{H}_5\text{-CO-}$ or a pivaloyl radical $(\text{CH}_3)_3\text{-CO-}$.

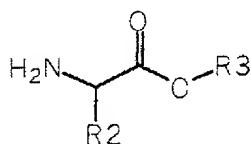
3. Process according to Claim 1 or according to Claim 2, wherein said α -substituted acrylamide derivative of formula (V) is obtained from a step (A), prior to step (B), comprising a step consisting in performing the coupling of an acrylic acid of formula (VI):



(VI)

wherein R1 has the same meaning as in formula (I),

with an amino ester of formula (VIII):

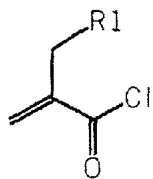


(VIII)

wherein R2 and R3 have the have the same meaning as in formula (I).

4. Process according to Claim 3, wherein said step (A) comprises the successive steps consisting in:

(A1) reacting said α -substituted acrylic acid of formula (VI) with an chloro acid so as to obtain an acid chloride of formula (VII):



(VII)

wherein R₁ has the same meaning as in formula (I);

5 and

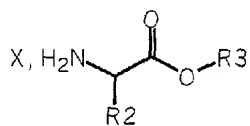
(A2) reacting the acid chloride of formula (VII) thus obtained with said amino ester of formula (VIII), in the presence of a base, so as to achieve the coupling.

5. Process according to Claim 4, wherein the chloro acid used in step (A1) is chosen from SOCl₂, ClCO-COCl, PCl₃ and PCl₅.

6. Process according to Claim 4 or Claim 5, wherein the acid chloride of formula (VII) obtained from step (A1) is subjected to a distillation step before being used in step (A2).

7. Process according to any one of Claims 4 to 6, wherein the base used in step (A2) is an organic amine.

8. Process according to any one of Claims 4 to 7, wherein the amino ester used in step (A2) is introduced in the form of a salt of formula (VIIIa):

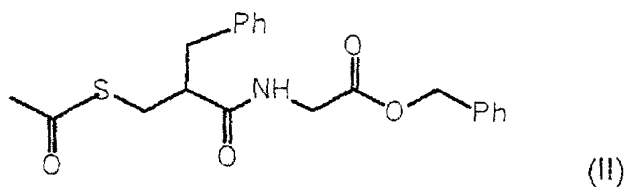


(VIIIa)

wherein R2 and R3 have the have the same meaning
as in formula (I); and
wherein X is chosen from HCl, CH₃SO₃H and
4-methylphenyl-SO₃H.

9. Process according to any one of Claims 4 to 8,
wherein step (A2) is carried out in the presence
of an organic solvent chosen from toluene,
dichloromethane, 1,2-dichloroethane, chloroform,
N,N-dimethylformamide, 1,4-dioxane, N-methyl-
pyrrolidone, N,N-dimethylacetamide, butyl acetate,
ethyl acetate, isobutyl acetate, isopropyl
acetate, methyl acetate, propyl acetate and
tetrahydrofuran.
10. Process according to any one of Claims 1 to 9,
wherein compound (V) used in step (B) is a chiral
compound wherein R2 denotes a lower alkyl group,
said compound (V) being used at least
predominantly in its S configuration or at least
predominantly in its R configuration.
11. Process according to Claim 10, wherein compound
(V) is used in its optically pure S form.
12. Process according to Claim 11, wherein compound
(V) is prepared by a condensation reaction of an
acrylic acid of formula (VI) with an amino ester
of formula (VIII) derived from a natural amino
acid.
13. Process according to any one of Claims 10 to 12,
wherein chirality inducers are used in step (B).
14. Process according to any one of Claims 10 to 12,
which further comprises, after step (B), a
subsequent step (C) of separation of the
diastereoisomers obtained in step (B).

15. Process according to any one of Claims 1 to 9,
wherein said obtained compound of formula (I) is
benzyl N-(RS)-[2-acetylthiomethyl-1-oxo-3-
phenylpropyl]glycinate of formula (II):



16. Process according to any one of Claims 1 to 14,
wherein said obtained compound of formula (I) is
benzyl N-(S)-[2-acetylthiomethyl-1-oxo-3-(3,4-
methylenedioxyphenyl)propyl]-(S)-alaninate of
formula (III):

